

IN THE CLAIMS:

Please amend claims 1-24 as follows:

1. (Amended) A method of simulating a low-bandwidth connection over a higher-bandwidth connection, said method comprising the steps of:
receiving at a speed control layer data from a first device at a first speed; and
limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and a second device so as to transfer the data from the speed control layer to the second device over the high-bandwidth connection at a second predetermined speed, which is less than the first speed,
wherein the second device is a client device,
the high-bandwidth connection is at a third speed, and
the second predetermined speed at which the data is transferred from the speed control layer to the second device over the high-bandwidth connection is less than the third speed of the high-bandwidth connection.
2. (Amended) The method as defined in claim 1, wherein in the limiting step, the data is transferred over a high-bandwidth LAN.
3. (Amended) The method as defined in claim 2, wherein the second predetermined speed is a modem connection speed.
4. (Amended) The method as defined in claim 1, further comprising the step of:
before the limiting step, setting the second predetermined speed.
5. (Amended) The method as defined in claim 4, further comprising the step of
changing the second predetermined speed to a fourth predetermined speed, which is also less than the first speed and less than the third speed of the high-bandwidth connection.

6. (Amended) The method as defined in claim 1, further comprising the steps of:
receiving second data from the first device at the first speed; and
limiting the maximum data transfer speed of a high-bandwidth connection
between the speed control layer and a third device so as to transfer the second data
from the speed control layer to the third device over the high-bandwidth connection at a
fifth predetermined speed, which is different than the second predetermined speed,
less than the first speed, and less than the third speed of the high-bandwidth
connection,

wherein the third device is a client device.

7. (Amended) The method as defined in claim 1, further comprising the steps of:
receiving second data from the first device at the first speed; and
limiting the maximum data transfer speed of a high-bandwidth connection
between the speed control layer and a third device so as to transfer the second data
from the speed control layer to the third device over the high-bandwidth connection at
the second predetermined speed,

wherein the third device is a client device.

8. (Amended) The method as defined in claim 1, further comprising the steps of:
receiving second data from the first device at the first speed; and
limiting the maximum data transfer speed of a high-bandwidth connection
between the speed control layer and a third device so as to transfer the second data
from the speed control layer to the third device over the high-bandwidth connection at
the third speed of the high-bandwidth connection,

wherein the third device is a client device.

9. (Amended) A machine-readable medium encoded with a program for simulating a low-bandwidth connection over a higher-bandwidth connection, said program containing instructions for performing the steps of:

receiving at a speed control layer data from a first device at a first speed; and
limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and a second device so as to transfer the data from the speed control layer to the second device over the high-bandwidth connection at a second predetermined speed, which is less than the first speed,
wherein the second device is a client device,
the high-bandwidth connection is at a third speed, and
the second predetermined speed at which the data is transferred from the speed control layer to the second device over the high-bandwidth connection is less than the third speed of the high-bandwidth connection

10. (Amended) The machine-readable medium as defined in claim 9, wherein said program further contains instructions for performing the step of:

before the limiting step, setting the second predetermined speed.

11. (Amended) The machine-readable medium as defined in claim 10, wherein said program further contains instructions for performing the step of changing the second predetermined speed to a fourth predetermined speed, which is also less than the first speed and less than the third speed of the high-bandwidth connection.

12. (Amended) The machine-readable medium as defined in claim 9, wherein said program further contains instructions for performing the steps of:

receiving second data from the first device at the first speed; and

limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and a third device so as to transfer the second data from the speed control layer to the third device over the high-bandwidth connection at a fifth predetermined speed, which is different than the second predetermined speed, less than the first speed, and less than the third speed of the high-bandwidth connection,

wherein the third device is a client device.

13. (Amended) The machine-readable medium as defined in claim 9, wherein said program further contains instructions for performing the steps of:

receiving second data from the first device at the first speed; and

limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and a third device so as to transfer the second data from the speed control layer to the third device over the high-bandwidth connection at the second predetermined speed,

wherein the third device is a client device.

14. (Amended) The machine-readable medium as defined in claim 9, wherein said program further contains instructions for performing the steps of:


receiving second data from the first device at the first speed; and

limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and a third device so as to transfer the second data from the speed control layer to the third device over the high-bandwidth connection at the third speed of the high-bandwidth connection,

wherein the third device is a client device.

15. (Amended) A computer system comprising:
a first device for receiving data at a first speed;
a second device, the second device being a client device; and
a speed control layer coupled between the first and second devices, the speed control layer limiting the maximum data transfer speed of a high-bandwidth connection between the speed control layer and the second device so as to transfer data from the first device to the second device over a high-bandwidth connection at a second predetermined speed that is less than the first speed and less than the normal speed of the high-bandwidth connection.

16. (Amended) The computer system as defined in claim 15, wherein the speed control layer includes an interface that is used to set the second predetermined speed.

 17. (Amended) The computer system as defined in claim 15, further comprising:
a third device coupled to the speed control layer, the third device being a client device,
wherein the speed control layer also limits the maximum data transfer speed of a high-bandwidth connection between the speed control layer and the third device so as to transfer data from the first device to the third device at a third predetermined speed which is different from the second predetermined speed.

18. (Amended) The computer system as defined in claim 15, further comprising:
a third device coupled to the speed control layer, the third device being a client device,
wherein the speed control layer also limits the maximum data transfer speed of a high-bandwidth connection between the speed control layer and the third device so as to transfer data from the first device to the third device at the second predetermined speed.

19. (Amended) The computer system as defined in claim 15, further comprising:
a third device coupled to the speed control layer, the third device being a client device,

wherein the speed control layer does not limit the maximum data transfer speed of a high-bandwidth connection between the speed control layer and the third device.

20. (Amended) A proxy server for transferring data between a server and at least one client computer, said proxy server comprising:

a first interface for transferring data with the server;

a second interface for transferring data with the client computer; and

speed control means for limiting the maximum data transfer speed of a high-bandwidth connection between the server and the client computer so as to transfer data from the server to the client computer over a high-bandwidth connection at a first predetermined speed that is less than the normal speed of the high-bandwidth connection.

21. (Amended) The proxy server as defined in claim 20, wherein the speed control means includes an interface that is used to set the first predetermined speed before the speed control means limits the maximum data transfer speed.

22. (Amended) The proxy server as defined in claim 20, further comprising:

a third interface for transferring data with a second client computer,

wherein the speed control means also limits the maximum data transfer speed of a high-bandwidth connection between the server and the second client computer so as to transfer data from the server to the second client computer over a high-bandwidth connection at a second predetermined speed, which is different than the first predetermined speed and less than the normal speed of the high-bandwidth connection.

23. (Amended) The proxy server as defined in claim 20, further comprising:
a third interface for transferring data with a second client computer,
wherein the speed control means also slows data transfer to the second client computer to the first predetermined speed.

wherein the speed control means also limits the maximum data transfer speed of a high-bandwidth connection between the server and the second client computer so as to transfer data from the server to the second client computer over a high-bandwidth connection at the first predetermined speed.

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24. (Amended) The proxy server as defined in claim 20, further comprising:
a third interface for transferring data with a second client computer,
wherein the speed control means does not limit the maximum data transfer speed of a high-bandwidth connection between the server and the second client computer.
